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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR PRODUCING GELATIN

(57) Abstract: Gelatin is produced by defatting and chopping rind, hydrolysing with acid, neutralising, and extracting with water. By defatting the rind before hydrolysing, the yield of high Bloom gelatin is typically 50% higher than previously. Furthermore, the gelatin thus produced has a higher Bloom strength.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 241 896 A (GRINDSTED PROD AS) 21 October 1987 (1987-10-21) page 2, line 20 - line 25 abstract	1-5
A	--- US 2 748 152 A (ANDERSON LINDSON P ET AL) 29 May 1956 (1956-05-29) the whole document	1-5
A	--- US 5 877 287 A (LARSSON MATS ET AL) 2 March 1999 (1999-03-02) the whole document	1-5
A	--- GB 2 359 241 A (GEISTLICH SOEHNE AG) 22 August 2001 (2001-08-22) the whole document -----	1-5

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☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0241896	A	21-10-1987	DK 175786 A	18-10-1987
			DE 3777681 D1	30-04-1992
			EP 0241896 A2	21-10-1987
			ES 2032400 T3	16-02-1993
			IE 64007 B1	28-06-1995
			JP 1707573 C	27-10-1992
			JP 3076907 B	06-12-1991
			JP 63012254 A	19-01-1988
US 2748152	A	29-05-1956	NONE	
US 5877287	A	02-03-1999	SE 501028 C2	24-10-1994
			AU 679048 B2	19-06-1997
			AU 6265394 A	11-10-1994
			BR 9406590 A	30-01-1996
			CN 1119453 A ,B	27-03-1996
			DE 69412597 D1	24-09-1998
			DE 69412597 T2	24-12-1998
			DK 689570 T3	08-02-1999
			EP 0689570 A1	03-01-1996
			ES 2122250 T3	16-12-1998
			HK 1002687 A1	17-03-2000
			JP 8507820 T	20-08-1996
			NZ 262775 A	28-10-1996
			RU 2126434 C1	20-02-1999
			SE 9300912 A	20-09-1994
			WO 9421739 A1	29-09-1994
GB 2359241	A	22-08-2001	US 6482240 B1	19-11-2002
			CA 2326968 A1	07-06-2001
			CN 1302552 A	11-07-2001
			DE 10060643 A1	13-06-2001
			DK 200001823 A	08-06-2001
			ES 2170713 A1	01-08-2002
			FR 2801891 A1	08-06-2001
			HU 0004843 A2	28-02-2002
			IT MI20002605 A1	03-06-2002
			JP 2001234128 A	28-08-2001
			NL 1016810 C2	07-08-2002
			NL 1016810 A1	08-06-2001
			US 2003115677 A1	26-06-2003
			US 2002170120 A1	21-11-2002